

DEPARTMENT of ENVIRONMENTAL SERVICES
Water Supply & Pollution Control Division - Biology Bureau

LAKE TROPHIC DATA

MORPHOMETRIC:

Lake: TAYLOR POND	Lake Area (ha):	8.58
Town: STODDARD	Maximum depth (m):	---
County: Cheshire	Mean depth (m):	---
River Basin: Connecticut	Volume (m ³):	---
Latitude: 43°03'04" N	Relative depth:	---
Longitude: 72°10'01" W	Shore configuration:	---
Elevation (ft): 1355	Areal water load (m/yr):	---
Shore length (m): 1100	Flushing rate (yr ⁻¹):	---
Watershed area (ha): ---	P retention coeff.:	---
% watershed ponded: 0.0	Lake type:	natural

BIOLOGICAL:

25 August 1993

DOM. PHYTOPLANKTON (% TOTAL)	#1	
	#2	
	#3	
PHYTOPLANKTON ABUNDANCE (cells/mL)		
CHLOROPHYLL-A (µg/L)		
DOM. ZOOPLANKTON (% TOTAL)	#1	
	#2	
	#3	
ROTIFERS/LITER		
MICROCRUSTACEA/LITER		
ZOOPLANKTON ABUNDANCE (#/L)		
VASCULAR PLANT ABUNDANCE		
SECCHI DISK TRANSPARENCY (m)		
BOTTOM DISSOLVED OXYGEN (mg/L)		
BACTERIA (E. coli, #/100 ml)	#1	
	#2	
	#3	

SUMMER THERMAL STRATIFICATION:

Depth of thermocline (m):
Hypolimnion volume (m³) :
Anoxic volume (m³) :

CHEMICAL:

Lake: TAYLOR POND

Town: STODDARD

25 August 1993

DEPTH (m)					
pH (units)					
A.N.C. (Alkalinity)					
NITRATE NITROGEN					
TOTAL KJELDAHL NITROGEN					
TOTAL PHOSPHORUS					
CONDUCTIVITY (μ mhos/cm)					
APPARENT COLOR (cpu)					
MAGNESIUM					
CALCIUM					
SODIUM					
POTASSIUM					
CHLORIDE					
SULFATE					
TN : TP					
CALCITE SATURATION INDEX					

All results in mg/L unless indicated otherwise

TROPHIC CLASSIFICATION: 1993

D.O. S.D. PLANT CHL TOTAL CLASS

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COMMENTS:

1. This pond was not surveyed. It was determined to be both private and inaccessible. One side of the pond was privately-owned and the other side was conservation land. From the topographic map it appears that the pond is surrounded by wetlands. The pond is listed in DES' Clean Lakes database as "private".